Liquibase Open Source or Pro: Which is right for my business?

Summary:

• Manual database change deployment is a bottleneck for software development.

• Liquibase OSS automates database change deployment alongside code – suitable for teams who want to build and maintain their own implementations and are not concerned about manual security and quality checks.

• Liquibase Pro adds quality assurance and auditability to automate error detection and simplify remediation throughout the development process and into production.

• Data created during deployment automation with Pro provides visibility into process and team performance, and generates insights to guide continuous improvement.

Liquibase Open Source (OSS)

With Liquibase OSS, teams can automate the database schema management process and achieve deployment velocity that keeps pace with app development. Managing database changes alongside a single application's development, OSS speeds up and streamlines CI/CD to mitigate the database change management bottleneck.

For single-database companies with compact database teams and data-adjacent organizations only looking to automate existing workflows for non-mission critical applications, Liquibase OSS may be the right solution. It solves the problem of automating manual processes, versioning them, and seeing how they deploy.

Database release automation with Liquibase OSS hits the mark if all you need is:

• Version
• Track
• Deploy
• Rollback
• Community-sourced support

Liquibase Pro

For many organizations, the pace of software development, agile methods, and manual processes make it difficult for database teams to effectively manage change securely. As reliance on data across databases and platforms increases, this challenge becomes even more significant. Unchecked, this can result in reduced uptime, increased risk, and diminished customer trust. Organizations need a solution that enables a consistent process, eliminates manual tasks, and provides ongoing observability and governance.

Pro is for data-centric and data-led organizations interested in accelerating innovation by completing the last mile of DevOps – database change management. For organizations tackling digital transformation and/or adopting a platform engineering practice, Pro can be a key ingredient to achieving their goals in hybrid and complex environments.
Liquibase Pro, continued

Advanced automation capabilities address both velocity and quality through automated quality checks and full auditability. It provides visibility across your data infrastructure that uncovers insights for ongoing database change management optimizations to continually increase both process efficiency and support governance and compliance requirements.

Pro builds on top of OSS capabilities adding agility, observability, consistency, and governance features like:

- Targeted rollback
- Turn-key integrations with enterprise credential management solutions
- DB state comparison
- Diff/drift detection
- Quality checks (governance)
- Flows (consistent, reusable best practice templates)
- Operational insights
- An org-wide view of database metadata that unveils the status of every schema across every database and the who, what, where, when why of change events
- Efficiency improvements by packaging change source code so it can be re-deployed easily and consistently
- Automatic build and test time quality checks
- Centralized deployment management and tracking integrations with the tools they already use
- The ability to discover and correlate activities broadly across even the most complex environments

Organizations that are looking to standardize their development practices can benefit from the integration of Pro into their workflows and platforms. Pro strives for excellence and innovation in database DevOps to give your teams:

- DORA, the DevOps Research Assessment, rallies around four key metrics of DevOps performance. Likewise, Liquibase Pro focuses on velocity and stability through this same four-part framework.

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<th>Deployment frequency</th>
<th>Pro enables</th>
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<td>▲ 3-10x more frequent deployments</td>
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<th>Lead time for changes</th>
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<td>Pro reduces deployment delays by</td>
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<td>▼ 94% or more</td>
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<th>Change failure rate</th>
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<td>Pro cuts failure rate by more than</td>
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<td>▼ more than 90%</td>
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<th>Time to restore service</th>
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<td>▼ 60% smaller</td>
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<td>batch sizes simplify and accelerate remediation</td>
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Award-winning support

Pro is also supported by Liquibase Professional Services. Liquibase wants to be a strategic partner to help achieve your business goals, support implementation, and accelerate time to value. As your needs and requirements change, Liquibase is available to assist leveraging over a decade of experience in database DevOps.

Book Your Demo